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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 31/70	A1	(11) International Publication Number: WO 99/59601 (43) International Publication Date: 25 November 1999 (25.11.99)
(21) International Application Number: PCT/NL99/00316 (22) International Filing Date: 20 May 1999 (20.05.99) (30) Priority Data: 1009226 20 May 1998 (20.05.98) NL (71) Applicant (for all designated States except US): FACULTEIT GENEESKUNDE UNIVERSITEIT UTRECHT [NL/NL]; Universiteitsweg 100, NL-3508 TA Utrecht (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): VAN ASBECK, Benit, Sweder [NL/NL]; Verheulaaan 19, NL-3971 RD Driebergen (NL); MARX, Johannes, Josephus, Maria [NL/NL]; Johan Buziaulaan 41, NL-3584 ZT Utrecht (NL). (74) Agent: ALTENBURG, Bernardus, Stephanus, Franciscus; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i> <i>In English translation (filed in Dutch).</i>
(54) Title: USE OF A NUCLEIC ACID-BINDING CHEMOTHERAPEUTIC AGENT, AND A PHARMACEUTICAL COMPOSITION		
(57) Abstract The invention relates to the use of a nucleic acid-binding chemotherapeutic agent, such as bleomycin, wherein the nucleic acid-binding chemotherapeutic agent is capable of complexing a metal ion yielding a complex that promotes the formation of hydroxyl radicals from hydrogen peroxide. According to the present invention the agent is used for the preparation of a virion number-reducing agent. The invention also relates to a pharmaceutical composition.		

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL 99/00316

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61K31/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 138 480 A (GOSALVEZ) 6 February 1979 (1979-02-06) claims	5
A	--- E.A. SAUSVILLE ET AL.: "A role for ferrous ion and oxygen in the degradation of DNA by bleomycin." BIOCHEM. BIOPHYS. RES. COMMUN., vol. 73, no. 3, 1976, pages 814-822, XP002095484	
A	--- S. CHAKRABARTI ET AL.: "Measurement of hydroxyl radicals catalyzed in the immediate vicinity of DNA by metal-bleomycin complexes." FREE RADICAL BIOL. MED., vol. 20, no. 6, 1996, pages 777-783, XP002095485	
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

12 October 1999

Date of mailing of the international search report

19/10/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Klaver, T

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PCT/NL 99/00316

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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